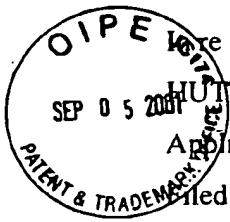


6/B
RS

12-5-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Re PATENT APPLICATION OF

HUUTUNEN

App. No.: 09/807,131

Filed: May 23, 2001

Group Art Unit: 2631

Examiner: To Be Assigned

[Handwritten signature]

Title: METHOD FOR SELECTING MODULATION
DETECTOR IN RECEIVER, AND RECEIVER

September 5, 2001

* * * * *

PRELIMINARY AMENDMENT

RECEIVED
SEP 06 2001
Technology Center 2600

Hon. Commissioner of Patents

Washington, D.C. 20231

Sir:

Prior to initial examination on the merits, please amend the above-identified
application as follows:

IN THE CLAIMS:

Please enter the following amended claims 1-10:

B1

1. (Amended) A method for selecting a modulation detector in a receiver which
includes at least a first and a second detector, the method comprising:

determining at least one cross-correlation value between a stored training sequence
and at least one training sequence of a received signal; and

selecting a detector used for detection of a signal to be received on the basis of the
determined at least one cross-correlation value.

2. (Amended) The method of claim 1, wherein determining at least one cross-
correlation value further comprises:

searching for an ideal synchronization point of the received signal, at which point the
cross-correlation between the training sequence of the received signal and the stored training
sequence has a maximum value; and